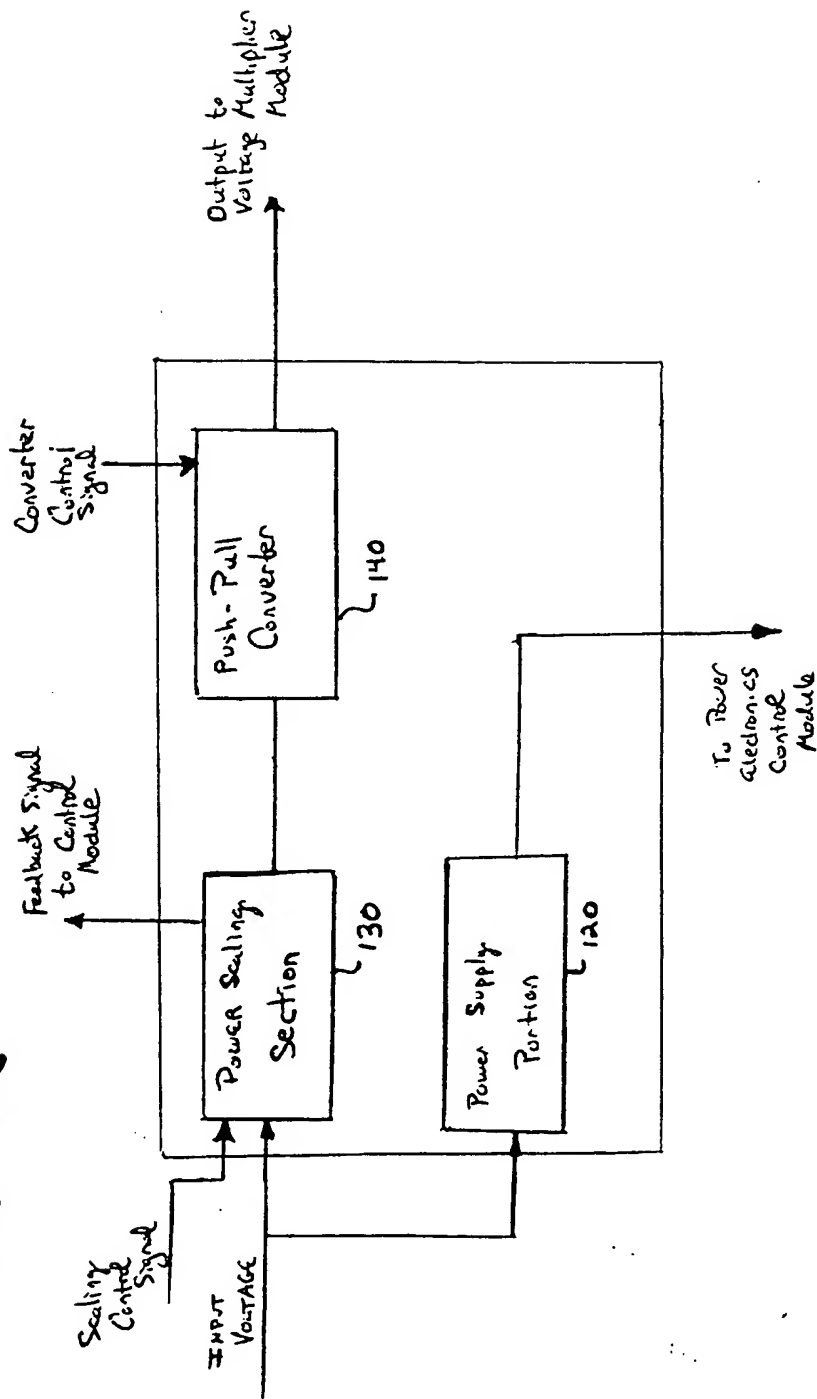


FIG. 1

FIG. 2



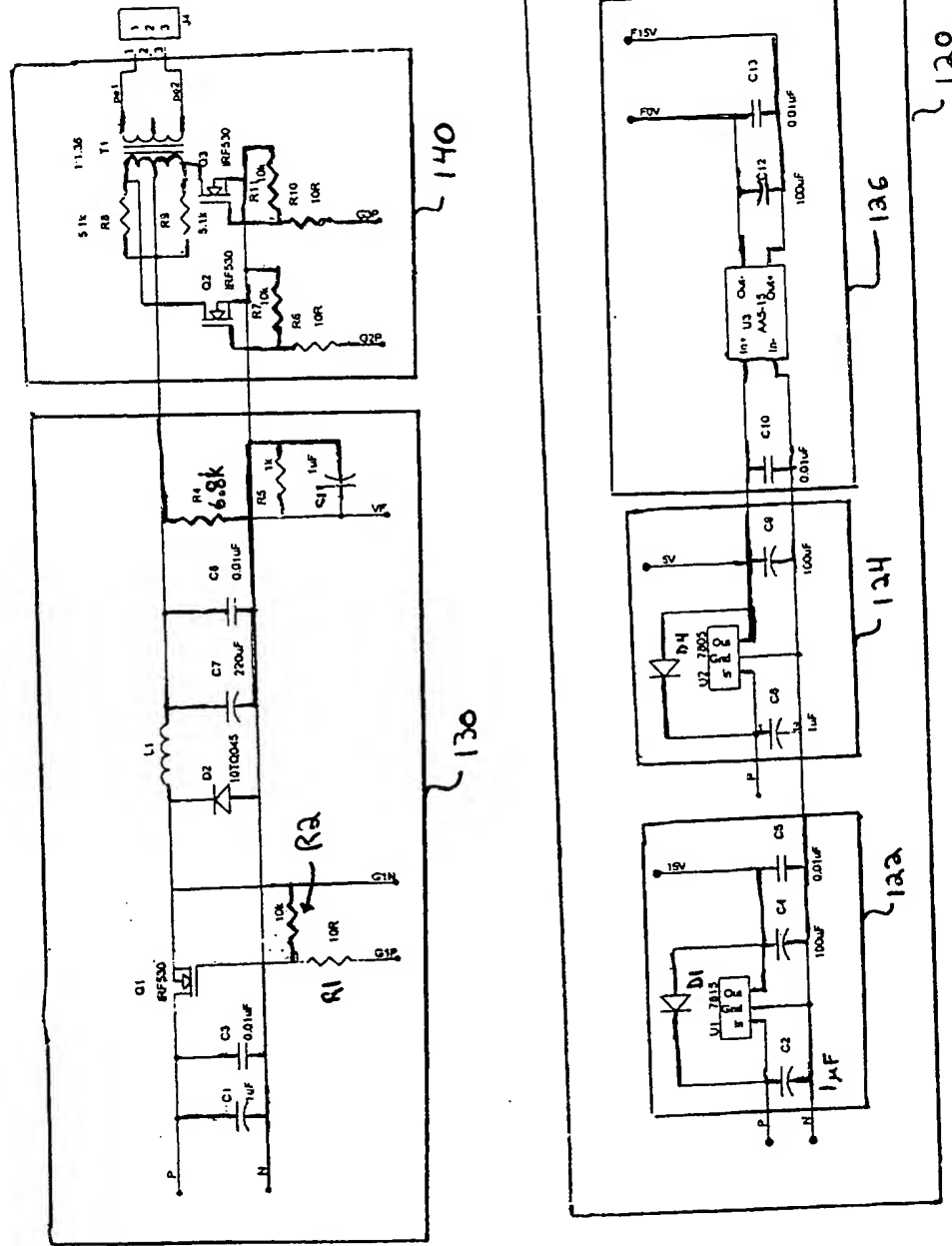


FIG. 3

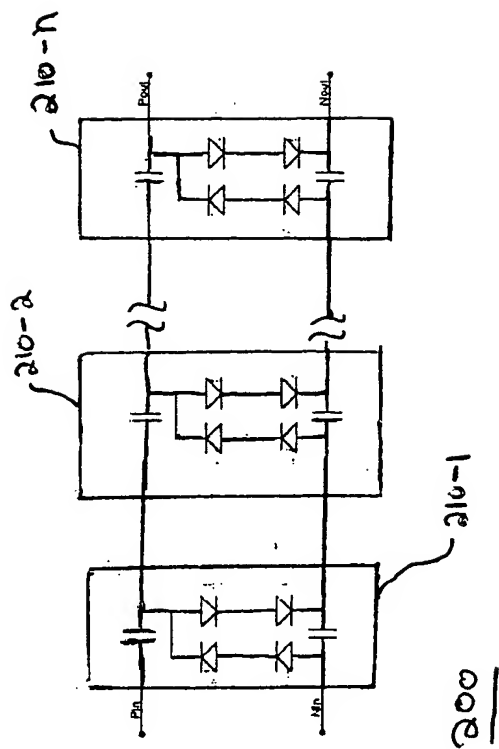
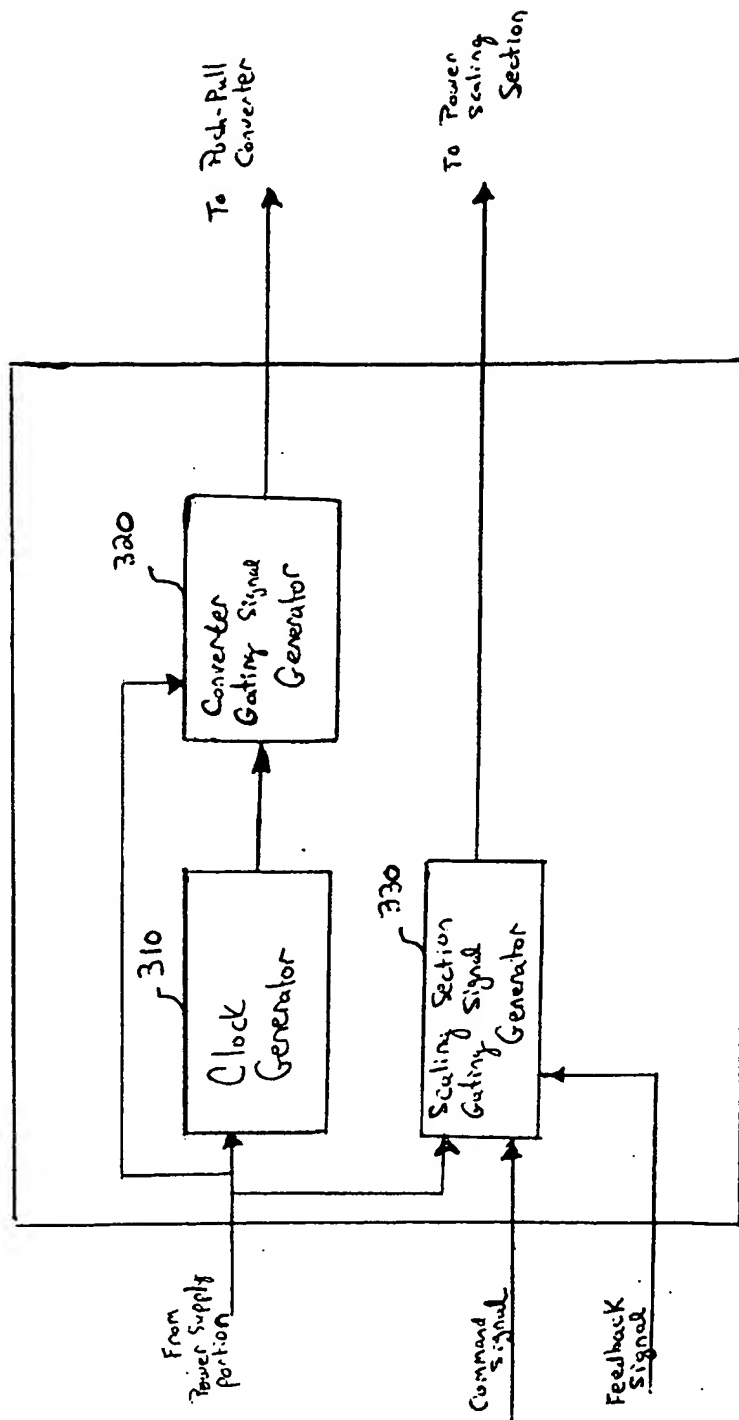
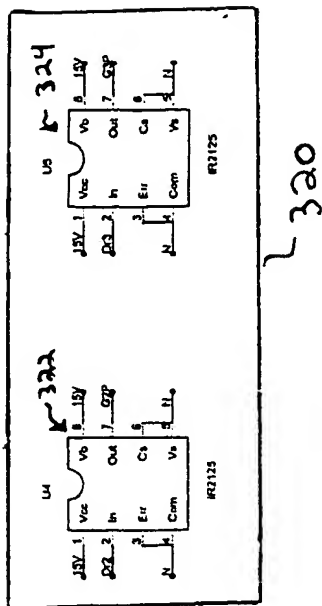
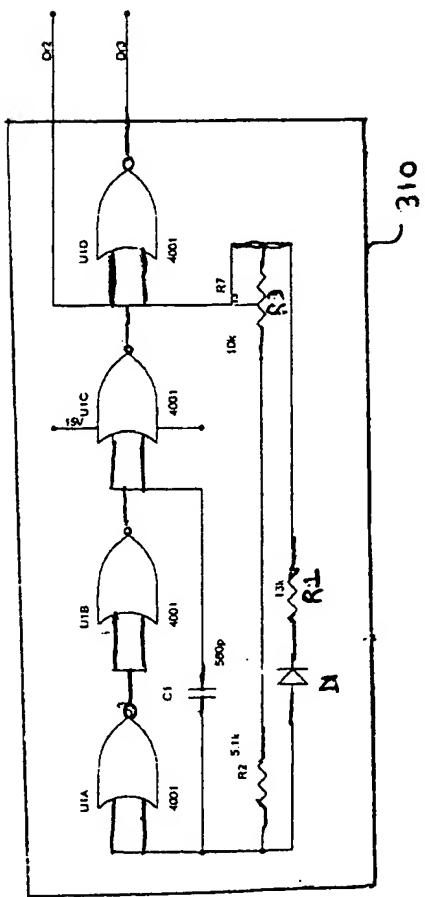


FIG. 4



300

FIG. 5



330

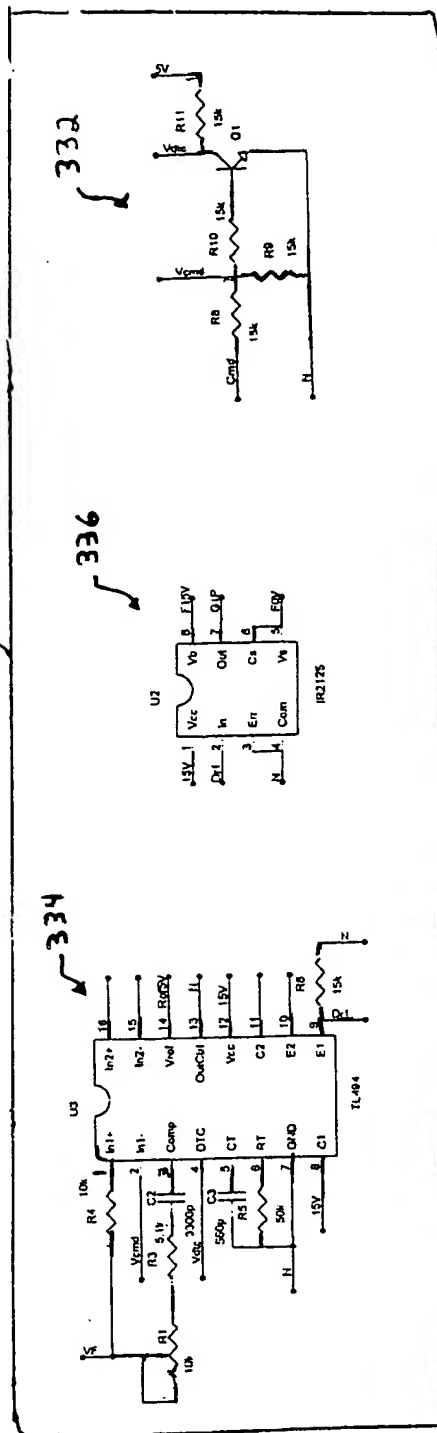


FIG. 6

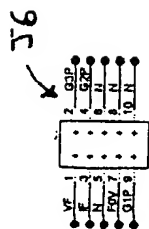


FIG. 7E

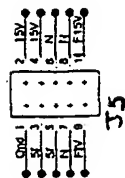


FIG. 7D

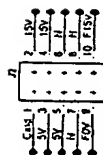


FIG. 7B

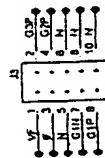


FIG. 7C

FIG. 7A

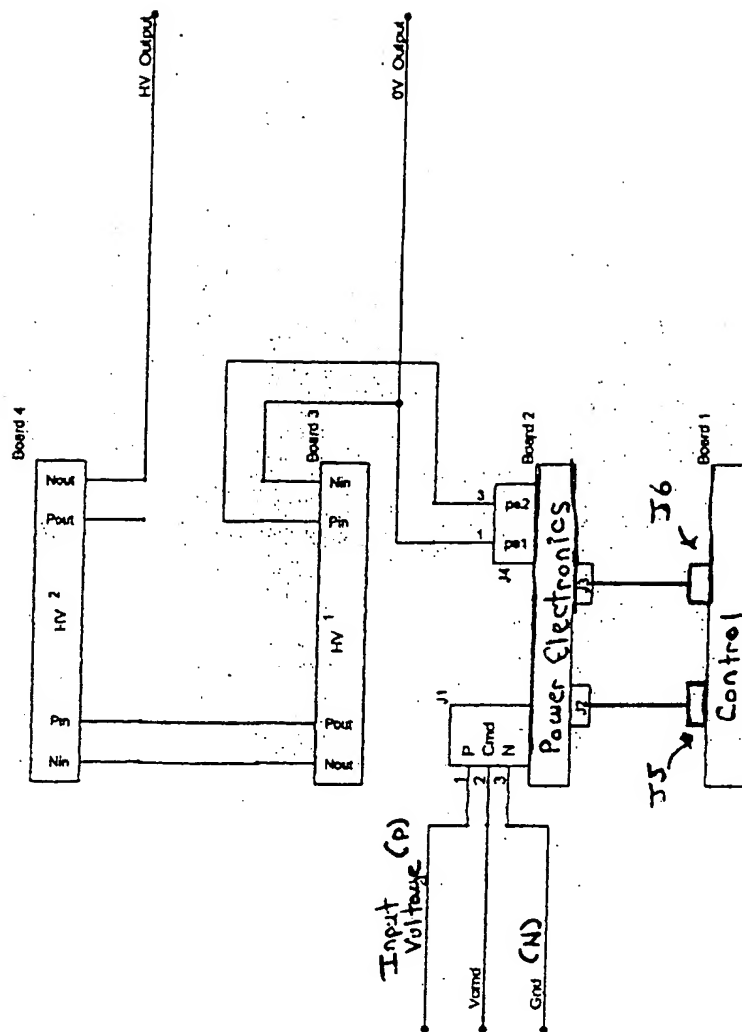
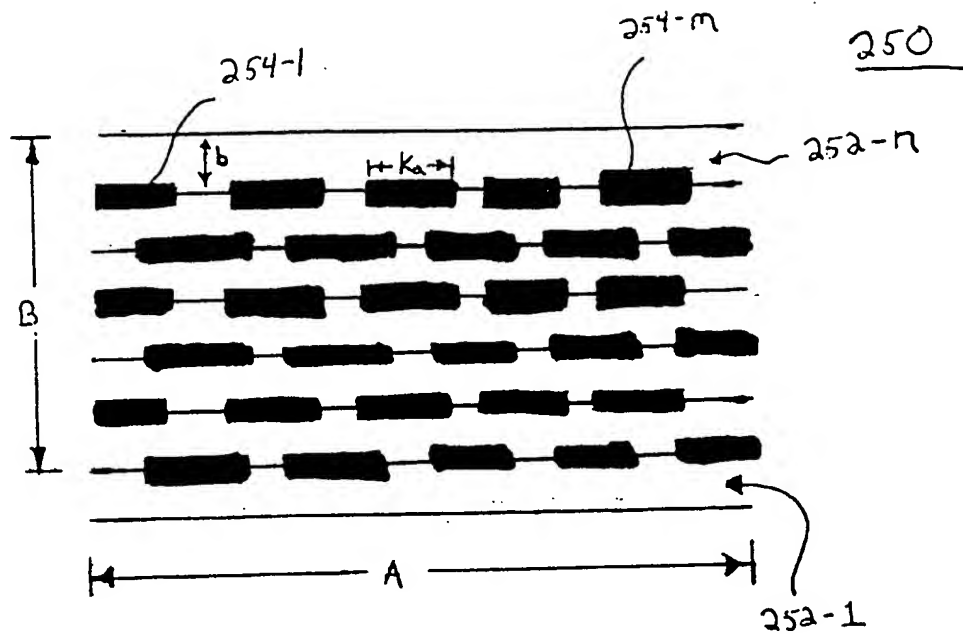


FIG. 8



- n = # of insulating layers
- m = # of conducting strips per layer
- b = thickness of insulating layer
- k_a = width of conducting strip
- A = width of composite insulation system
- B = thickness of composite insulation system

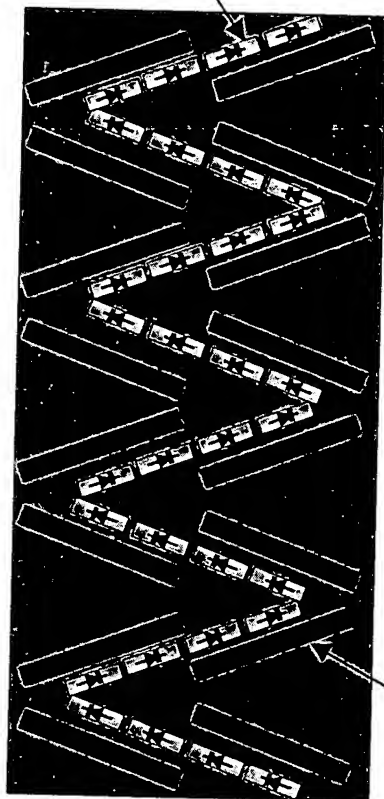


FIG. 9